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(54) Title: MANGANESE SUPEROXIDE DISMUTASE REGULATORY ELEMENTS AND USES THEREOF

(57) Abstract

A novel transcriptional regulatory element which was isolated from the MnSOD gene and which exhibits promoter-enhancer activity is disclosed. The promoter-enhancer activity of the element is further modulated by inflammatory mediators to regulate transcription. Methods of using the promoter-enhancer element to regulate gene expression, and therapeutic uses involving the promoter-enhancer element are also described.

